



SEQUENCE LISTING

RECEIVED #6  
APR 12 2002  
TECH CENTER 1600/2900

<110> Laughon, Allen

<120> COMPOSITIONS AND METHODS FOR NEGATIVE REGULATION OF TGF-BETA PATHWAYS

<130> WARF-0002

<140> US 09/810,385

<141> 2001-03-16

<160> 40

<170> PatentIn version 3.1

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<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> LRR repeat sequence.

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12

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<223> Sequence of Ubx element.

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6

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<223> Mutated Ubx element sequence.

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tgatga

60

66

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<223> Dpp response element sequence.

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cacggaattc ggatc 75

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<223> Synthetic oligonucleotide.

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aattagcacc ggcgctgtac agcgccggcg ctaattagcg ccggcgctgt ac

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<223> BKLF peptide.

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Gln Val Glu Pro Val Asp Leu Thr Val Asn Lys Arg  
1 5 10

<210> 11

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<223> Evi-1 peptide.

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Ser Glu Ser Pro Phe Asp Leu Thr Thr Lys Arg Lys  
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<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Evi-1 peptide.

<400> 12

Gln Asp Gln Pro Leu Asp Leu Ser Met Gly Ser Arg .  
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<210> 13

<211> 12

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<213> Artificial Sequence

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<223> AREB6 peptide.

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Gln Glu Glu Pro Leu Asn Leu Ser Cys Ala Lys Lys  
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<223> SIP1 peptide.

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Thr Pro Ser Pro Leu Asn Leu Ser Ser Thr Ser Ser  
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<223> SIP1 peptide.

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Gln Ala Glu Pro Leu Asp Leu Ser Leu Pro Lys Gln  
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<210> 16

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<223> SIP1 peptide.

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Ser Asp Glu Pro Leu Asn Leu Thr Phe Ile Lys Lys  
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<210> 17

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<223> ZEB peptide.

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Ser Pro Ser Pro Leu Asn Leu Ser Ser Ser Arg Asn  
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<223> ZEB peptide.

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Gln Val Glu Pro Leu Asp Leu Ser Leu Lys Gln Gln  
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<223> FOG peptide.

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Pro Asp Gly Pro Ile Asp Leu Ser Lys Arg Pro Arg  
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<210> 20

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<223> CtIP peptide.

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Met Asp Lys Pro Leu Asp Leu Ser Asp Arg Phe Ser  
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<223> Kruppel peptide.

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Glu Glu Ala Pro Leu Asp Leu Ser Glu Asp Gly Ala

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<223> Kruppel peptide.

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<210> 23

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<213> Artificial Sequence

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<223> Zfh-1 peptide.

<400> 23

Glu Asp Gln Pro Leu Asp Leu Ser Val Lys Arg Asp  
1 5 10

<210> 24

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<223> Ush peptide.

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Gln Glu Gly Pro Met Asp Leu Ser Met His Ser Pro  
1 5 10



<210> 25

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<223> Shn peptide.

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Ser Lys Asn Pro Lys Gln Leu Ser Arg Ser Arg Ser  
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<223> Shn peptide.

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Pro Val Met Pro Leu Asn Leu Ser Ala Lys Pro Lys  
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<223> Shn peptide.

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Glu Ser Ala Pro Met Asp Leu Thr Lys Pro Arg Gly  
1 5 10

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<223> Brk peptide.

<400> 28

Thr Pro Ala Pro Met Asp Leu Ser Gly Ser Ser Ala  
1 5 10

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<223> Brk peptide.

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Asp Thr Ala Pro Thr Asn Leu Thr Leu Val Ala  
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<210> 30

<211> 12

<212> PRT

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<223> Knirps peptide.

<400> 30

Gln Glu Gly Pro Met Asp Leu Ser Met Lys Thr Ser  
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<210> 31

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Snail peptide.

<400> 31

Gln	Asp	Gln	Pro	Gln	Asp	Leu	Ser	Leu	Lys	Arg	Gly
1				5					10		

<210> 32

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Snail peptide.

<400> 32

Gly	Ser	Glu	Pro	Glu	Asp	Leu	Ser	Val	Arg	Asn	Asp
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<210> 33

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<223> Hairy peptide.

<400> 33

Glu	Gln	Gln	Pro	Leu	Ser	Leu	Val	Ile	Lys	Lys	Gln
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<210> 34

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> E(spl)m(delta) peptide.

<400> 34

Ala Glu Glu Pro Val Asn Leu Ala Asp Gln Lys Arg  
1 5 10

<210> 35

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<223> Ad2 243R peptide.

<400> 35

Pro Gly Gln Pro Leu Asp Leu Ser Cys Lys Arg Pro  
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<210> 36

<211> 12

<212> PRT

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<223> Ad12 235R peptide.

<400> 36

Gln Thr Val Pro Val Asp Leu Ser Val Lys Arg Pro  
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<210> 37

<211> 12

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<223> TGIF peptide.

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Met Asp Ile Pro Leu Asp Leu Ser Ser Ser Ala Gly  
1 5 10

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<223> TGIF peptide.

<400> 38

Pro Pro Thr Pro Pro Asp Leu Asn Gln Asp Phe Ser  
1 5 10

<210> 39

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<223> Consensus peptide.

<220>

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<222> (9)..(9)

<223> "X" represents any amino acid.

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1

5

10

<210> 40

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Asp Glu Val Asn Thr Arg Arg Arg  
1 5